

Figure 1

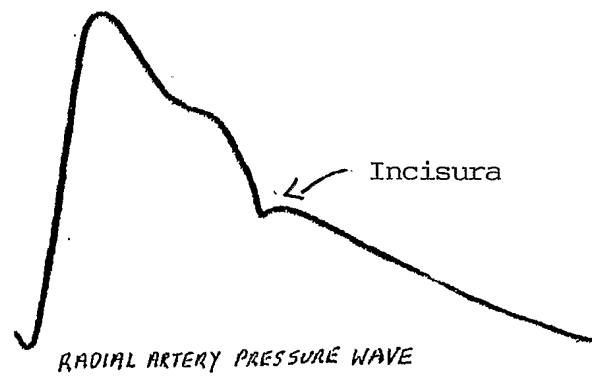


Figure 2

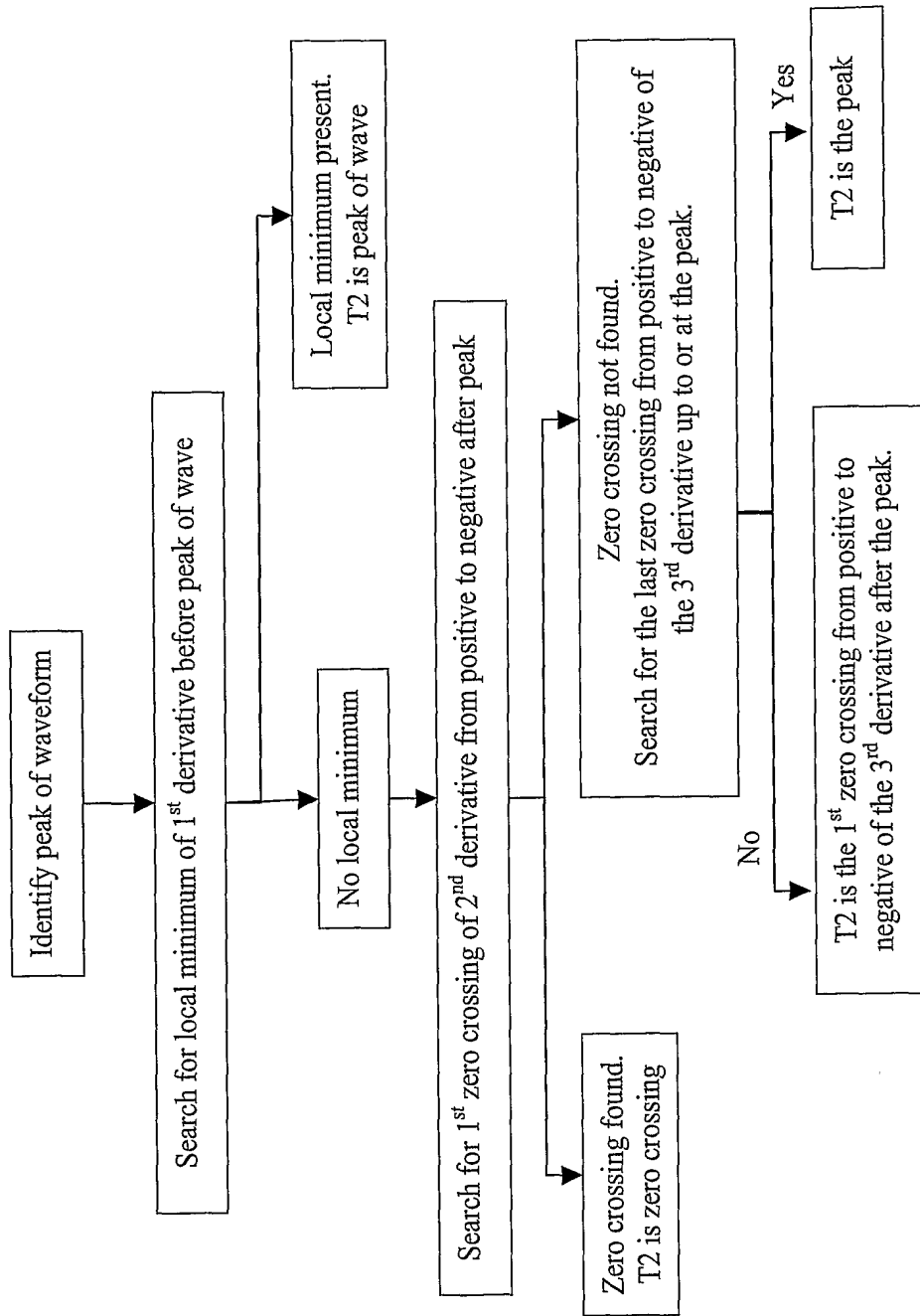


Figure 3

Note: The search will be conducted from the start of the wave to 40% of its length

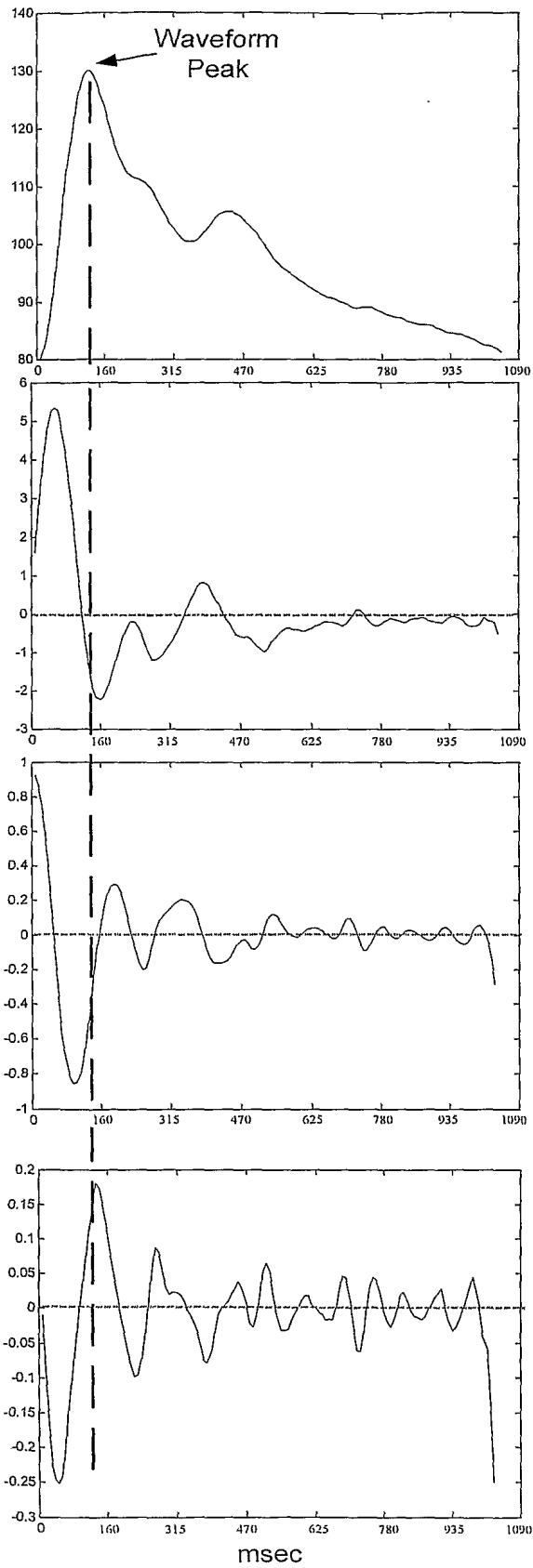


Fig. 4a

Pressure
Waveform
Type 1

1st Derivative

2nd Derivative

3rd Derivative

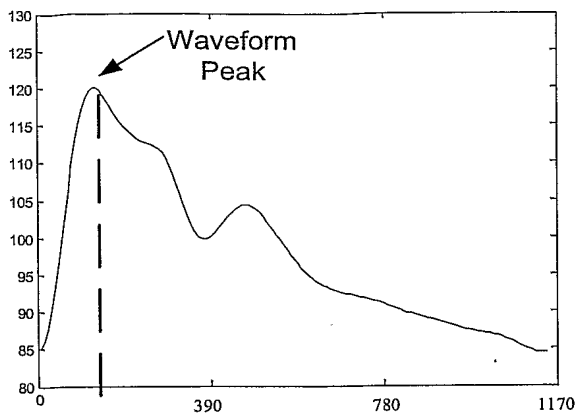
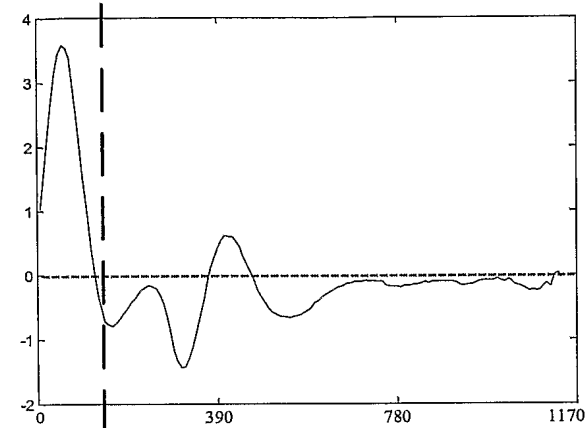
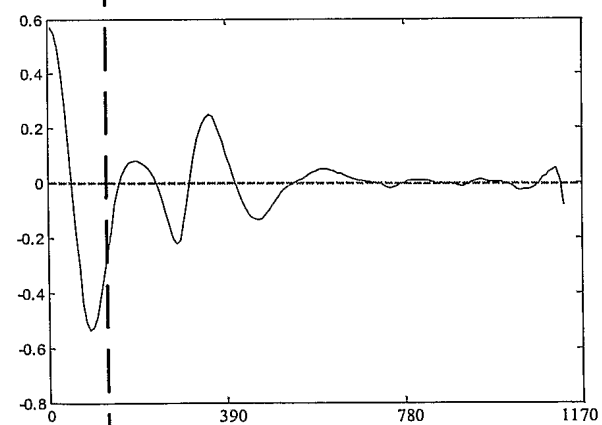


Fig 4b

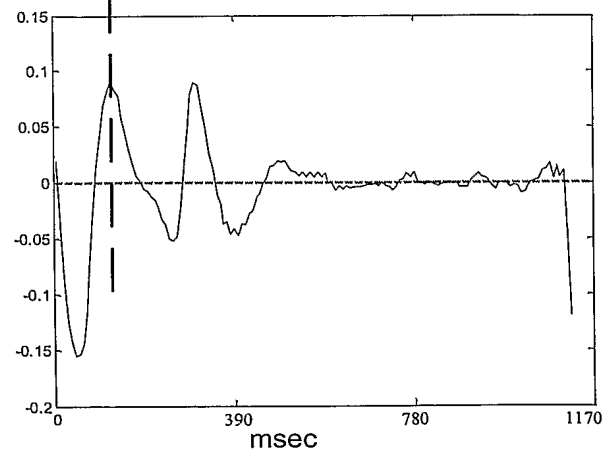
Pressure
Waveform
Type 2



1st Derivative



2nd Derivative



3rd Derivative

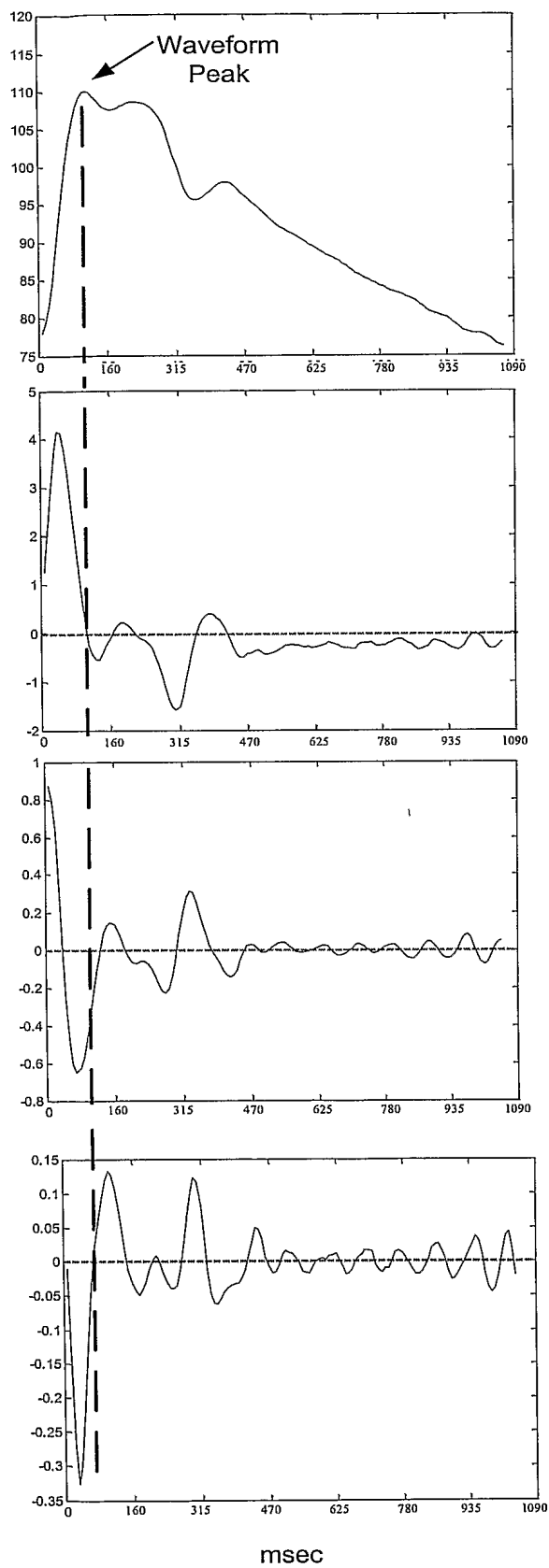


Fig 4c

Pressure
Waveform
Type 3

1st Derivative

2nd Derivative

3rd Derivative

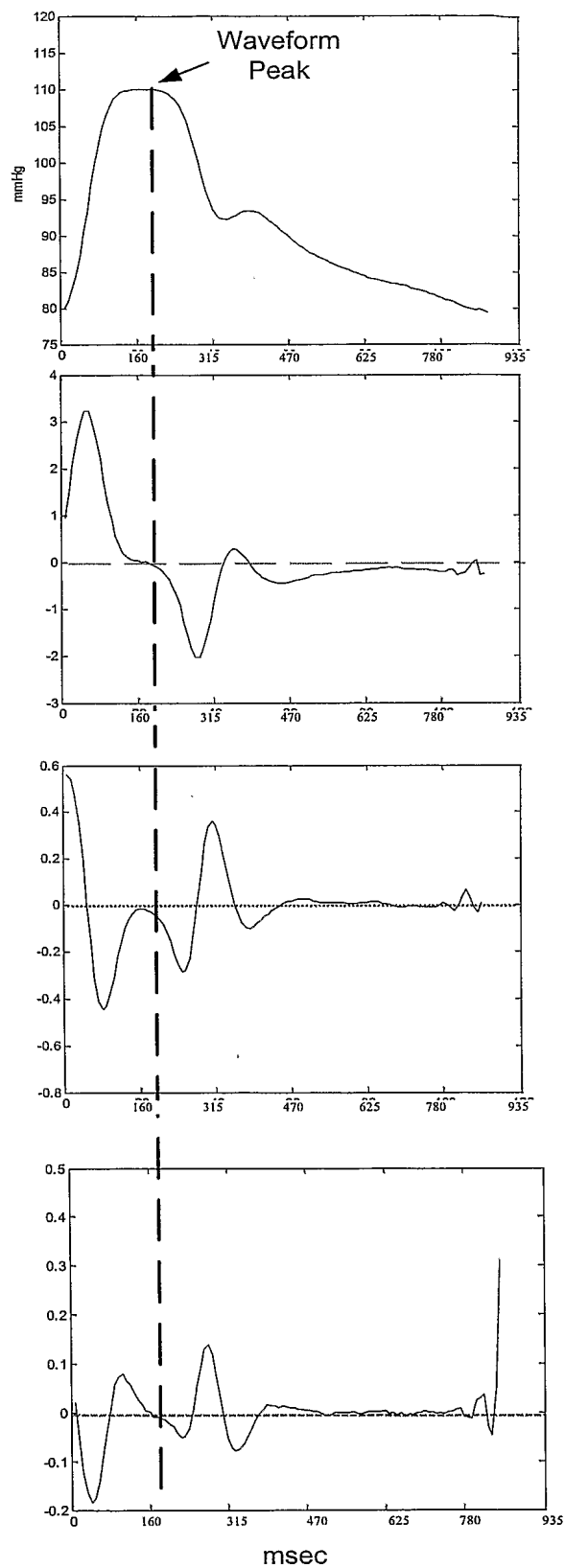


Fig 4d

Pressure
Waveform
Type 4

1st Derivative

2nd Derivative

3rd Derivative

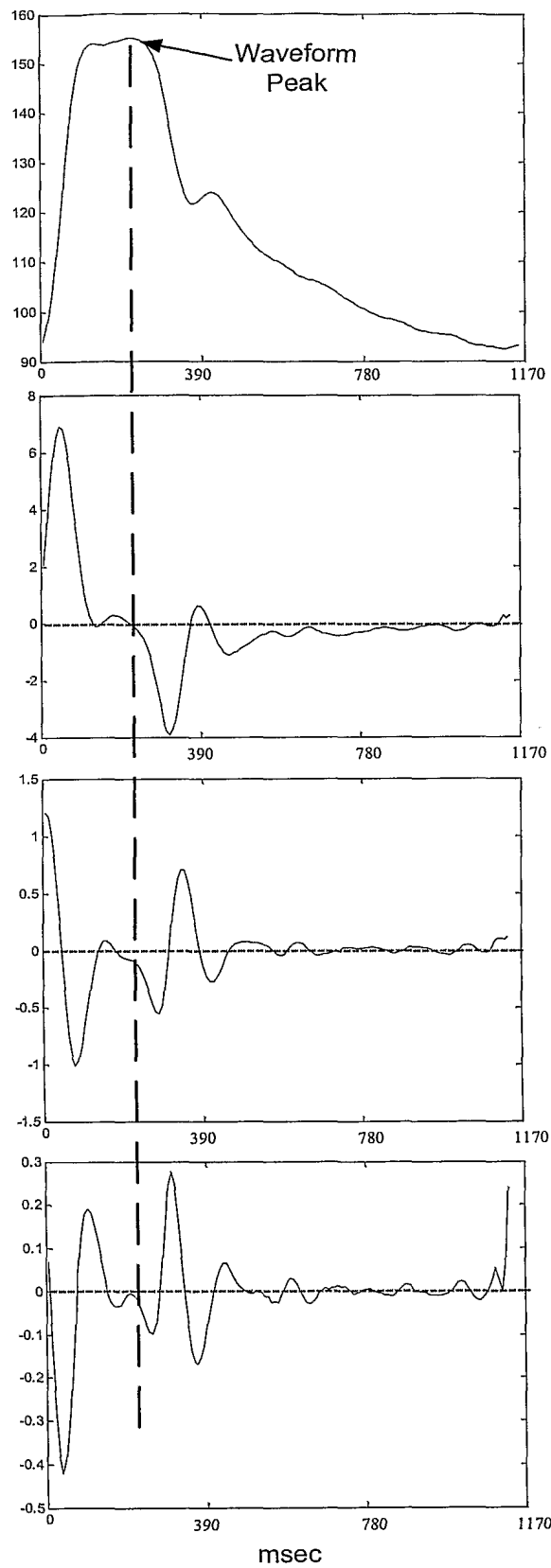


Fig 4e

Pressure
Waveform
Type 5

1st Derivative

2nd Derivative

3rd Derivative